

REPAUPO CREEK

DRAINAGE AREA

13,000 acres or 20.3 square miles.

LOCATION

Gloucester County. Greenwich, East Greenwich, Logan, Woolwich, and Mantua Townships. Outlets into the Delaware at Gibbstown. Structural measures are on south side of Gibbstown.

SPONSORS

Repaupo Meadows Company, Greenwich Township and Gloucester County Soil Conservation District.

OBJECTIVES

To reduce flood damages from tides to Gibbstown several industrial plants, a railroad, highways and several hundred acres of agricultural land; and to reduce soil erosion in the upper reaches of the watershed.

LAND TREATMENT

Open drains were planned to take advantage of the improved outlet channels in the lower reaches. Measures such as contour farming, cover cropping, crop rotations, diversions and outlets were planned for the upper reaches. Tree planting, weeding, thinning and harvest cutting are the woodland measures. The Soil Conservation Service provided \$6,815 worth of technical assistance to accelerate a program valued at \$161,536.

STRUCTURAL MEASURES

Stream channel improvement
Tidegate structure

Total channel work amounted to 12.3 miles. This includes 2.8 miles of inlet and 0.5 miles of outlet channel. The tidegate structure is installed and functioning.

STATUS

Authorized for operations January 9, 1963. Project completed June 30, 1969. The accelerated land treatment has been terminated. Application continues under the regular district program. The project is currently open for possible supplement to address flooding issues associated with the Delaware River.

OPERATION AND MAINTENANCE

The project is operated and maintained by Repaupo Meadow Company with financial help from Greenwich Township. Some minor repairs have been made to the tidegate structure.

BENEFITS

The project provides over \$140,000 in average annual benefits due to flood damage reduction and improved water management.



Upstream Side of White Sluice Tidegate Structure